

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. - 30. (Canceled)

31. (New) A mesh sheet for treating exhaust gases of combustion engines in open channels, comprising wires, which are covered and openings, which are at least partially filled by a support having a median pore size of pores over 10 nm and having a median particle size over 1.4 μm and having an area mass of said support from 20 to 200 g/m^2 .

32. (New) A mesh sheet according to claim 31, wherein openings are essentially filled by said support.

33. (New) A mesh sheet according to claim 31, wherein openings are partially filled by said support.

34. (New) A mesh sheet according to claim 31, wherein mesh size of said mesh sheet is from 30 to 300.

35. (New) A mesh sheet according to claim 31, wherein said mesh sheet is a corrugated sheet.

36. (New) A mesh sheet according to claim 31, wherein the median particle size of support is from 1.5 to 3.5 μm .

37. (New) A mesh sheet according to claim 31, wherein said support comprises catalytically active material.

38. (New) A mesh sheet according to claim 31, wherein said support comprises catalytically inert particles having median particle size from 10 to 200 μm .

39. (New) A mesh sheet according to claim 31, wherein said support comprises catalytically inert coarse alumina-, silica-, zirconia-, ceria- and/or titania-particles.

40. (New) A mesh sheet according to claim 31, wherein at least part of support is milled.

41. (New) A mesh sheet according to claim 31, wherein the BET specific surface area of said support is from 30 to 300 m^2/g .

42. (New) A mesh sheet according to claim 31, wherein said support comprises fibres, which project out from the plane of said support.

43. (New) A metal substrate having open channels for treating exhaust gases of combustion engines, wherein said substrate comprises at least one mesh sheet according to claim 31.

44. (New) A metal substrate according to claim 43, wherein said substrate comprises at least one other sheet.

45. (New) A metal substrate according to claim 44, wherein said other sheet is smooth, perforated, mesh, wire mesh or fibrous sheet.

46. (New) A metal substrate according to claim 44, wherein said other sheet is a flat sheet.

47. (New) A metal substrate according to claim 44, wherein said other sheet is a corrugated sheet.

48. (New) A metal substrate according to claim 44, wherein said at least one other sheet and said at least one mesh sheet are covered with same support.

49. (New) A metal substrate according to claim 43, wherein said at least one mesh sheet comprises impressions and/or projections.

50. (New) A metal substrate according to claim 44, wherein said at least one other sheet comprises impressions and/or projections.

51. (New) A metal substrate according to claim 43, wherein said substrate is a preoxycatalyst, hydrolysis catalyst and/or a SCR oxycatalyst.

52. (New) A method for manufacturing a mesh sheet for treating exhaust gases of combustion engines in open channels, wherein wires of said mesh sheet are covered and openings of said mesh sheet are at least partially filled by a support having a median pore size of pores over 10 nm and having a median particle size over 1.4 μm and having an area mass of said support from 20 to 200 g/m^2 .

53. (New) A method for manufacturing a metal substrate for treating exhaust gases of combustion engines, wherein at least one mesh sheet according to claim 31 is joined to said substrate so that there are open channels in said substrate.

54. (New) A method for treating exhaust gases of combustion engines by a mesh sheet, wherein at least one mesh sheet according to claim 31 is used to purify impurity particles from exhaust gases of combustion engines.

55. (New) A method for treating exhaust gases of combustion engines by a metal substrate having open channels, wherein a substrate according to claim 43 is used to purify impurity particles of exhaust gases of combustion engines.